

**BIOTEK**<sup>®</sup>  
we put life in metal

**TEXX - 21<sup>®</sup>**  
Total Elbow Arthroplasty System

[www.biotekortho.com](http://www.biotekortho.com)



# TEXX-21® Total Elbow Arthroplasty System

Total Elbow is indicated for primary and revision intervention, post traumatic and rheumatoid arthritis, and trauma reconstruction. For complete patient matching flexibility, the TEXX-21® Total Elbow is unsurpassed in interchangeability and design and is the total elbow of choice for its ease of use. It is backed by more than a decade of clinical success. The ease-of-operation, enhanced fixation, and simple, precise instrumentation provides excellent results.

The rationale behind the TEXX-21® Total Elbow was to create a device that replicates anatomy while providing a superior mechanism that is easier to assemble and revise. It was also a priority to create an instrument set that was ideal for a broad range of surgeons.

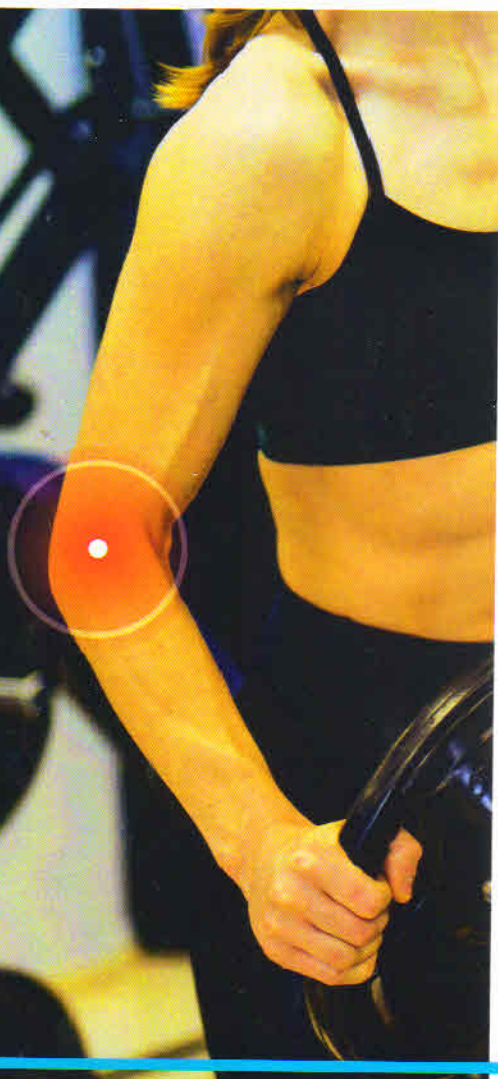
The device is intended for use with both the humeral and ulnar components inserted with bone cement.



## I n d i c a t i o n s

The elbow replacement may be done if the patient has one or more of the following conditions:

- Bone injury or bone loss contributing to elbow instability
- Abnormal stiffness, immobility, and consolidation of the elbow joint (ankylosis)
- Painful deterioration of the elbow joint cartilage (osteoarthritis)
- Painful inflammation in the lining of the elbow joint (rheumatoid arthritis)
- Arthritis resulting from physical injury to the elbow joint (traumatic arthritis)
- Elbow joint instability or loss of motion, which cannot be satisfactorily addressed by more conservative treatment options
- A previous elbow joint replacement which has worn or failed.





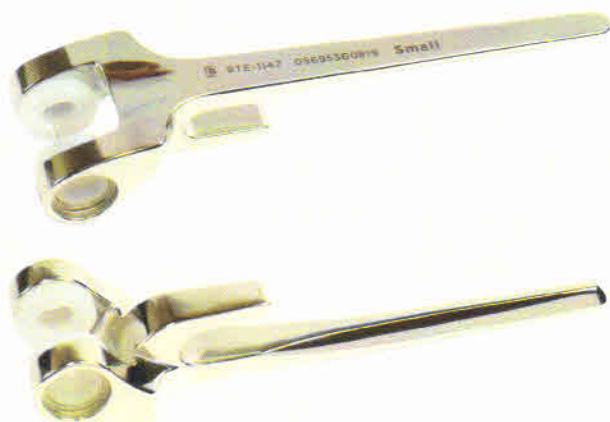


### Snap-fit Locking Pin

- Two-piece locking pin simply snaps together and provides accuracy and efficiency.
- Easy disassembly of the locking pin enhances interchangeability in revision cases.
- Allows for assembly or disassembly without compromising either epicondyle.
- Addresses individual anatomy by allowing any humeral component to be used with any ulnar component.

### Enhanced Ulnar Positioning

- Anatomically designed ulnar component (for Right/Left Limb) allows for anatomic axis of motion.
- Quadrangular to match canal landscape, to help minimize intramedullary rotation in the ulna.
- Poly Bushings, with Ultra-high molecular weight polyethylene, prevents metal-to-metal contact.



### Anatomic Humeral Stem

- Triangular to match landscape of canal maximizing stability and minimizing rotation.

#### Proximal humeral flange

- Permits insertion of bone graft anteriorly to enhance thickening of bone stock where maximum stress occurs, reducing posterior displacement and torsional forces and helping protect bone / cement / implant interface.

#### Trauma Reconstruction

- The longer flange option addresses clinical situations involving distal / humeral bone loss without compromising elbow joint performance.

### Complete Interchangeability:

- 4 Humeral Stems lengths in small, medium, large and extra-long with small size options.
- 8 Ulnar Stems - Regular and Extra-long lengths in small and large sizes.
- Provides comprehensive patient matching and introspective flexibility.

### Ordering information

BTE-1147	TEXX-21 <sup>®</sup> humeral stem, Small, SS, with locking pin (with flange)
BTE-1148	TEXX-21 <sup>®</sup> humeral stem, Medium, SS, with locking pin (with flange)
BTE-1149	TEXX-21 <sup>®</sup> humeral stem, Large, SS, with locking pin (with flange)
BTE-1150	TEXX-21 <sup>®</sup> humeral stem, Extra-long, small, SS (with long flange)
BTE-1141.07L	TEXX-21 <sup>®</sup> ulna component, left, small, 7mm, SS (Regular)
BTE-1142.07R	TEXX-21 <sup>®</sup> ulna component, right, small, 7mm, SS (Regular)
BTE-1143.09L	TEXX-21 <sup>®</sup> ulna component, left, large, 9mm, SS (Regular)
BTE-1144.09R	TEXX-21 <sup>®</sup> ulna component, right, large, 9mm, SS (Regular)
BTE-1152.07L	TEXX-21 <sup>®</sup> ulna component, left, small, 7mm, extra-long, SS
BTE-1153.07R	TEXX-21 <sup>®</sup> ulna component, right, small, 7mm, extra-long, SS
BTE-1154.09L	TEXX-21 <sup>®</sup> ulna component, left, large, 9mm, extra-long, SS
BTE-1155.09R	TEXX-21 <sup>®</sup> ulna component, right, large, 9mm, extra-long, SS
BTE-1145.M	TEXX-21 <sup>®</sup> locking pin, male, SS
BTE-1146.F	TEXX-21 <sup>®</sup> locking pin, female, SS





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